What is claimed is:

1. An expansion valve comprising:

a body having at least one or more flow channels, each of which has inlets and outlets whose central lines are at an approximate right angle to each other, and a guide part formed on an intersection between the inlet and the outlet for guiding the flow of working fluid;

a head part mounted on the body and reciprocating a rod

in an axial direction by expansion and contraction actions

according to a temperature change of the working fluid

discharged from an outlet of an evaporator and flowing through

the flow channel; and

opening means for controlling a flow amount of the 15 working fluid flowing through the flow channel according to the movement of the rod.

- 2. The expansion valve according to claim 1, wherein the guide part includes inclined surfaces formed on the inlet and the outlet respectively.
- 3. The expansion valve according to claim 1, wherein the guide part is formed on the flow channel communicating with the outlet side of the evaporator.

20

5

- 4. The expansion valve according to claim 1, wherein the inlets and the outlets are formed eccentrically from the body.
- 5. The expansion valve according to claim 2, wherein the inclined surfaces have the same shape as an end blade of a drill for forming the inlet and the outlet.
- 6. The expansion valve according to claim 2, wherein a length between start portions of the inclined surfaces of the inlet and the outlet and the center of a through hole of the body through which the rod goes satisfies the following formula: $0 \le L \le 4.5 \text{mm}$.